

SHSTMP_PS_Large_River_and_Floodplain_Wood_Jams_2016.shp data dictionary

This layer was developed by NOAA Fisheries to delineate wood jams within major Puget Sound rivers to be used as part of salmon and steelhead habitat monitoring effort by Salmon Habitat Status and Trend Monitoring Program (SHSTMP). Habitat features were digitized at 1:1000 scale using less than 0.5-meter resolution true-color Google satellite and aerial imagery, collected from May 5, 2013 to August 17, 2016.

Perimeter of wood jams with area greater than 20 m² and that were visible within the main channel, braids, side channels, and/or functional floodplain were digitized. Only key, adjoining, and visible pieces of wood were included in the contiguous wood jam polygon.

Field Name	Description	Units
Reach_ID	Unique reach identifier	
F_Type	Feature type: Wood Jam	
Image_Date	Aerial imagery collection date	
VT	Geomorphic valley type (Collins and Montgomery, 2011): GL – glacial valleys PGL – post-glacial valleys C – canyons MTN – mountain valleys	
LC	Dominant land cover developed using C-CAP 2010 data (NOAA, 2014) and aggregated into classes using methods described in Beechie et al. 2017: F – forest/wetland Ag – agriculture D – developed	
Ck_MPG	Puget Sound Chinook salmon major population groups (NMFS, 2007): Central/South Basin Hood Canal Strait of Georgia Strait of Juan de Fuca Whidbey Basin	
Stl_MPG	Puget Sound steelhead salmon major population groups (NMFS, 2011): Northern Cascades Olympic South-Central Cascades	
Area_m2	Polygon area	Square meter

References

- Beechie, T. J., O. Stefankiv, B. Timpane-Padgham, J. E. Hall, G. R. Pess, M. Rowse, M. Liermann, K. Fresh, and M. J. Ford. 2017. Monitoring Salmon Habitat Status and Trends in Puget Sound: Development of Sample Designs, Monitoring Metrics, and Sampling Protocols for Large River, Floodplain, Delta, and Nearshore Environments. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-NWFSC-137. <https://doi.org/10.7289/V5/TM-NWFSC-137>.
- Collins, B. D., and D. R. Montgomery. 2011. The legacy of Pleistocene glaciation and the organization of lowland alluvial process domains in the Puget Sound region. *Geomorphology* 126(1):174-185.
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